

## NEW DISTRIBUTION RECORDS OF HESPERIIDAE AND LYCAENIDAE (LEPIDOPTERA) FROM NORTHERN QUEENSLAND

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### Abstract

Range extensions in northern Queensland are given for *Toxidia inornata inornata* (Butler), *Acrodipsas myrmecophila* (Waterhouse & Lyell), *Pseudodipsas cephenes* Hewitson, *Hypochrysops miskini miskini* (Waterhouse) and *Udara tenella tenella* (Miskin).

### Records

#### HESPERIIDAE

##### *Toxidia inornata inornata* (Butler)

A male was collected in January 1994 at the headwaters of Lankelly Creek in the southern McIlwraith Range, Cape York Peninsula, approximately 8 km NE of Coen. This locality extends the known distribution 130 km south from its previous southern limit at the Claudie River (Common and Waterhouse 1981).

#### LYCAENIDAE

##### *Acrodipsas myrmecophila* (Waterhouse & Lyell)

Three males were collected in October 1988 and July 1990 on a hilltop approximately 3 km north of the Palmer River Roadhouse, Cape York Peninsula. On both occasions adults were flying with *A. hirtipes* Sands. The previous northern limit in Queensland of *A. myrmecophila* is Blackdown Tableland (Dunn and Dunn 1991) and in the Northern Territory the only site known is Burrells Trig (Dunn and Dunn 1991). This new record is significant because it establishes an intermediate site some 1000 km north and 1500 km east of its nearest known localities.

##### *Pseudodipsas cephenes* Hewitson

A female collected in September 1993 at McIvor River Road, 35 km NW of Cooktown, extends the range for this species approximately 120 km north from Daintree (Dunn and Dunn 1991).

##### *Hypochrysops miskini miskini* (Waterhouse)

Three females were collected in September 1993, two at the McIvor River Road and one 6 km further south at Isabella Falls. These localities extend the known range 70 km north from Cedar Bay (Sands 1986).

##### *Udara tenella tenella* (Miskin)

In January 1994 several males were collected and several more observed at Mt Misery, some 40 km south of Cooktown. Kuranda has been regarded previously as the most northerly locality for this species (Common and

Waterhouse 1981, Dunn and Dunn 1991). Adults have also been collected recently at Cape Tribulation (an intermediate locality) by S. Lamond (J. Olive, pers. comm.). This species appears to be more widespread than previously thought.

### **Acknowledgment**

Dr D.P.A. Sands confirmed the identity of *Acrodipsas myrmecophila*.

### **References**

- COMMON, I.F.B. and WATERHOUSE, D.F. 1981. *Butterflies of Australia*. 2nd Ed. Angus & Robertson, Sydney; 682 pp.
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- SANDS, D.P.A. 1986. Revision of the genus *Hypochrysops* C. & R. Felder (Lepidoptera: Lycaenidae). *Entmonograph* 7: 1-116.